

APPARATUS, METHOD AND RECORDING MEDIUM FOR
STARTING UP DATA PROCESSING SYSTEM

ABSTRACT OF THE DISCLOSURE

A data processing system comprised of multiplexed boot devices storing operating systems so that when a device of a master system cannot be used for startup, a device of a slave system is forcibly switched to for startup, wherein a memory stores boot firmware environment variable area including first variable data including device setting data of boot candidates, second variable data including index data designating a boot device based on that device setting data, and third variable data in which a binary value indicating if multiplexing is "valid" or not is set and wherein boot firmware decides on a boot device based on the settings of the environment variable areas and starts up the operating system stored in that boot device to start up the system.